

UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No. SAIC0010-US Total Pages

First Named Inventor or Application Identifier

Raulf M. Polichar, et al

Express Mail Label No

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification Total Pages 26
(preferred arrangement as set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets] 11
4. ☒ Oath or Declaration [Total Pages] 2
- a. ☐ Non-executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with box 17 completed) [Note Box 5 below]
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, See 37 CFR 1.63(d)(2) and 1.33(b)
5. ☐ Incorporation By Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
14. ☐ Small Entity ☐ Statement filed in prior
Statement application, Status till proper and desired
15. ☐ Certified Copy of Priority Document(s)
(If foreign priority is claimed)
16. ☒ Other: Request and Certification under 35 U.S.C. 122(b)(2)(B)(i)

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Labelor ☐ Correspondence address below

Name	George T. Marcou				
	KILPATRICK STOCKTON LLP				
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	Suite 800				
City	Washington	State	DC	Zip Code	20005
Country	U.S.A.	Telephone	202.508.5800	Fax	202.508.5858
Name (Print/Type)	George T. Marcou			Reg. No.	33,014
Signature	[Signature]			Date	12/15/00

jc675 U.S. PRO
09/736157
12/15/00

Please type a plus sign (+) inside this box ☐PTO/SB/17 (12/97)
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FEE TRANSMITTAL		Complete if Known					
<p style="text-align: center;"><i>Note: Effective October 1, 1997.</i> <i>Patent Fees are subject to annual revision.</i></p> <table border="1" style="width: 100%;"><tr><td style="width: 60%;">TOTAL AMOUNT OF PAYMENT</td><td style="width: 40%;">(\$) 862.00</td></tr></table>		TOTAL AMOUNT OF PAYMENT	(\$) 862.00	Application Number	New Application		
		TOTAL AMOUNT OF PAYMENT	(\$) 862.00				
		Filing Date	Herewith				
		First Named Inventor	Raulf M. Polichar, et al.				
		Group Art Unit	To be assigned				
		Examiner Name	To be assigned				
		Attorney Docket Number	SAIC0010-US				

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																													
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">Deposit Account Number: 501458 Deposit Account Name: KILPATRICK STOCKTON LLP</div> <p><input checked="" type="checkbox"/> Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<table border="1" style="width: 100%;"><tr><th colspan="4">3. ADDITIONAL FEES</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Large Fee</th><th>Entity Fee (\$)</th><th>Small Fee</th><th>Entity Fee (\$)</th></tr><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English Specification</td><td></td></tr><tr><td>147</td><td>2520</td><td>147</td><td>2520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920</td><td>112</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1840</td><td>113</td><td>1840</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1510</td><td>218</td><td>755</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>2060</td><td>228</td><td>1030</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of appeal</td><td></td></tr><tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1510</td><td>138</td><td>1510</td><td>Petition to institute a public use hearing</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1320</td><td>241</td><td>660</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>120</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Statement</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td colspan="4">Other fee (specify) _____</td><td></td><td></td></tr><tr><td colspan="4">Other fee (specify) _____</td><td></td><td></td></tr><tr><td colspan="4" style="text-align: right;">*Reduced by Basic Filing Fee Paid</td><td>SUBTOTAL (3)</td><td style="border: 1px solid black; text-align: center;">(\$)</td> 0.00</tr></table>						3. ADDITIONAL FEES				Fee Description	Fee Paid	Large Fee	Entity Fee (\$)	Small Fee	Entity Fee (\$)	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English Specification		147	2520	147	2520	For filing a request for reexamination		112	920	112	920	Requesting publication of SIR prior to Examiner action		113	1840	113	1840	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	950	217	475	Extension for reply within third month		118	1510	218	755	Extension for reply within fourth month		128	2060	228	1030	Extension for reply within fifth month		119	310	219	155	Notice of appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1510	138	1510	Petition to institute a public use hearing		140	110	240	55	Petition to revive - unavoidable		141	1320	241	660	Petition to revive - unintentional		142	1320	242	660	Utility issue fee (or reissue)		143	450	243	225	Design issue fee		144	670	244	335	Plant issue fee		122	130	120	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Statement		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))		149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____						Other fee (specify) _____						*Reduced by Basic Filing Fee Paid				SUBTOTAL (3)	(\$)
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2. CLAIMS

		Extra		Fee from below		Fee Paid	
Total Claims							
	24	-20=	4	x	18	=	72.00
Independent Claims	4	-3=	1	x	80	=	80.00
Multiple Dependent Claims	0						00.00

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	82	209	41	Reissue independent claims over original patent
110	22	210	11	Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$)

 SUBMITTED BY | | | | | |-----------------------|---|--------------------------|--------| | Typed or printed Name | George T. Marcou
Kilpatrick Stockton LLP | Complete (if applicable) | | | Signature | | Reg. No. | 33,014 | | | 1756. No 35,320 | Deposit Account User ID | 501458 | | | Date | 12/15/00 | | | | | | | |

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, D.C. 20231.

GTM/BDD/acd/C0464 175238/CT10111/61535

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor	Raulf M. Polichar, et al
	Title	PIN ALLOY-SEMICONDUCTOR, RADIATION DETECTORS WITH RECTIFYING JUNCTION CONTACTS, METHODS AND SYSTEMS FOR FORMING PIN ALLOY- SEMICONDUCTOR DEVICES WITH RECTIFYING JUNCTION CONTACTS, AND SYSTEMS AND METHODS FOR ANALYZING ALLOY-SEMICONDUCTOR PROPERTIES
	Atty Docket Number	SAIC0010-US

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

12/15/00
Date

Raulf M. Polichar

Signature

RICHARD PETERSON

Typed or printed name

Rec. No. 35,370

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

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